CLAIMS

What is claimed is:

1.   A system for facilitating processing and disposition of a transaction within an access controlled environment, comprising:

an access control facility accessible via a global data processing network and configured to maintain user information, and to permit or deny a user to enter an access controlled environment within a data processing environment and to perform user operations within said access controlled environment;

a transaction management facility operable within said access controlled environment, coupled to said access control facility, and configured to store and maintain transaction data based on said transaction, said user operations, and a security scheme;

an authentication facility operable within said access controlled environment and configured to authenticate said transaction data based on an authentication scheme corresponding to said transaction; and

a billing facility configured to permit said user to establish a billing allocation scheme to be used to control the billing of services provided within said access controlled environment, and to consolidate data related to internal operations performed by said access control facility, said transaction management facility, and said authentication facility to generate and process billing data based on said billing allocation scheme, to send a billing notice to a responsible party via said global data processing network.

2.   The system according to claim 1, wherein said global data processing network is the Internet.

1   3.   The system according to claim 1, wherein said billing facility
2   generates a billing record related to said user operations
3   within said access controlled environment.

1   4.   The system according to claim 1, wherein said billing
2   allocation scheme defines a percentage allocation of the
3   costs associated with said transaction to be borne by said
4   responsible party.

1   5.   The system according to claim 1, wherein said billing
2   allocation scheme is based on a predetermined billing
3   scheme.

1   6.   A system for facilitating transaction processing and
2   disposition within an access controlled environment, comprising:
3   an access control facility accessible via a global data
4   processing network and configured to maintain user information
5   and to permit or deny users to login into an access controlled
6   environment maintained within a data processing environment,
7   said user information including a profile relating to each user of
8   said users, each said profile including a user-specific level of
9   security;
10   a transaction management facility operable within said
11   access controlled environment, coupled to said access control
12   facility, and configured to store and maintain data related to a
13   transaction involving at least one of said users based on a
14   predetermined security level to facilitate disposition of said
15   transaction within said access controlled environment, and to
16   determine accessibility related to said data for said each user
17   based on said each user's profile;
18   an authentication facility operable within said access
19   controlled environment and configured to authenticate said data

20 related to said transaction based on a predetermined
21 authentication level set to correspond to said transaction;

22 a connectivity and communications facility coupled to said
23 access control facility, said transaction management facility, and
24 said authentication facility, said connectivity and communications
25 facility configured to communicate with said access control facility,
26 said transaction management facility, said authentication facility,
27 and external transaction party systems to facilitate disposition of
28 said transaction based on said data stored and maintained by said
29 transaction management facility; and

30 a billing facility configured to permit said users to establish
31 a billing allocation scheme to be used to control the billing of
32 services provided within said access controlled environment, and
33 to consolidate data related to internal operations performed by
34 said access control facility, said transaction management facility,
35 and said authentication facility to generate and process billing
36 data and to send a billing notice to a responsible party via said
37 global data processing network.

1 7. The system according to claim 6, wherein said global data
2 processing network is the Internet.

1 8. The system according to claim 6, wherein said billing facility
2 generates a billing record related to each operation
3 performed by said users within said access controlled
4 environment.

1 9. The system according to claim 6, wherein said billing
2 allocation scheme defines a percentage allocation of the
3 costs associated with said transaction to be borne by said
4 responsible party.

1 10.   The system according to claim 6, wherein said billing
2   allocation scheme is based on a predetermined billing
3   scheme.

1 11.   A method for facilitating transaction processing and
2   disposition within an access controlled environment,
3   comprising the steps of:
4   at an access control facility accessible via a global data
5   processing network, maintaining user information and permitting
6   or denying a user to login into an access controlled environment
7   maintained within a data processing environment;
8   at a transaction management facility coupled to said
9   access control facility, storing and maintaining data related to a
10 transaction based on a predetermined security level to facilitate
11 disposition of said transaction within said access controlled
12 environment;
13   at an authentication facility, authenticating said data related
14 to said transaction based on a predetermined authentication level;
15   permitting said user to establish a billing allocation scheme
16 to be used to control the billing of services provided within said
17 access controlled environment;
18   at a billing facility, consolidating data related to internal
19 operations performed by said access control facility, said
20 transaction management facility, and said authentication facility
21 based on said billing allocation scheme; and
22   at said billing facility, generating and processing said billing
23 data and sending a billing notice to a responsible party via said
24 global data processing network.

1 12.   The method according to claim 11, wherein said global
2   data processing network is the Internet.

1   13.   The method according to claim 11, wherein said billing data
2   is generated and processed relating to each operation
3   performed by said user within said access controlled
4   environment.

1   14.   The method according to claim 11, wherein said billing
2   allocation scheme defines a percentage allocation of the
3   costs associated with said transaction to be borne by said
4   responsible party.

1   15.   The system according to claim 11, wherein said billing
2   allocation scheme is based on a predetermined billing
3   scheme.

1   16.   A method for facilitating transaction processing and
2   disposition within an access controlled environment, comprising
3   the steps of:
4   at a user system operated by a user, accessing an access
5   control facility via a global data processing network, said access
6   control facility configured to maintain user information related to
7   said user;
8   permitting or denying said user system operable access to
9   an access controlled environment maintained within a data
10   processing environment based on a profile related to said user
11   including a user-specific level of security;
12   at a transaction management facility coupled to said
13   access control facility and operating within said access controlled
14   environment, storing and maintaining data related to a transaction
15   involving said user based on a predetermined security level to
16   facilitate disposition of said transaction within said access
17   controlled environment, said transaction management facility

18	determining accessibility related to said data for said user based
19	on said user's profile;
20	at an authentication facility operating within said access
21	control environment, authenticating said data related to said
22	transaction based on a predetermined authentication level set to
23	correspond to said transaction;
24	at a communications facility coupled to said access control
25	facility, said transaction management facility, said authentication
26	facility, and operating within said access controlled environment,
27	communicating with external systems to facilitate disposition of
28	said transaction based on said data stored and maintained by said
29	transaction management facility;
30	permitting said user to establish a billing allocation scheme
31	to be used to control the billing of services provided within said
32	access controlled environment; and
33	at a billing facility operating within said access controlled
34	environment, consolidating data related to internal operations
35	performed by said access control facility, said transaction
36	management facility, and said authentication facility, generating
37	and processing billing data, and sending a billing notice based on
38	said billing data and said billing allocation scheme to a
39	responsible party via said global data processing network.

| 1 | 17. | The method according to claim 16, wherein said global |
| 2 | | data processing network is the Internet. |

1	18.	The method according to claim 16, further comprises the
2		step of: at said billing facility, generating a billing record
3		related to each operation performed by said user within

| 1 | 19. | The method according to claim 16, wherein said billing |
| 2 | | allocation scheme defines a percentage allocation of the |

3	costs associated with said transaction to be borne by said
4	responsible party.

20. The method according to claim 16, wherein said billing
allocation scheme is based on a predetermined billing
scheme.

21. A system for facilitating processing and disposition of a
transaction within an access controlled environment, comprising:

an access control facility accessible via a global data
processing network and configured to permit or deny a user to
enter an access controlled environment within a data processing
environment and to utilize services offered within said access
controlled environment; and

a billing facility configured to permit said user to establish a
billing allocation scheme to be used to control billing related to
said services provided within said access controlled environment
to generate and process billing data based on said services
offered within said access controlled environment and said billing
allocation scheme, and to send a billing notice to a responsible
party via said global data processing network.

22. The system according to claim 22, wherein said billing
facility generates a billing record related to each operation
related to said services performed by said user within said
access controlled environment.

23. The system according to claim 22, wherein said billing
allocation scheme defines a percentage allocation of the
costs associated with said transaction to be borne by said
responsible party.

1   24. The system according to claim 22, wherein said billing

2   allocation scheme is based on a predetermined billing

3   scheme.